



1/18

SEQUENCE LISTING

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<120> INTERACTION DETECTION ON SEVERAL PROBE ARRAYS

<130> MAIWAL 3.9-002 CONT

<140> 10/789,081  
<141> 2004-02-27

<150> PCT/EP02/09780  
<151> 2002-09-02

<150> DE 101 42 643.7  
<151> 2001-08-31

<160> 70

<170> PatentIn version 3.3

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<210> 29  
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<210> 30  
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&lt;223&gt; Description of Artificial Sequence: Synthetic probe

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aagttacaat gcaacagcct gctgt

25

&lt;210&gt; 33

&lt;211&gt; 30

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic probe

&lt;400&gt; 33

tctaaaacct ggccagcaat cattctgcc

30

&lt;210&gt; 34

&lt;211&gt; 30

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic probe

&lt;400&gt; 34

ctctcctgct acagcagccc gggcatttct

30

&lt;210&gt; 35

&lt;211&gt; 30

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic probe

&lt;400&gt; 35

cgaaggcaaa gcccttatga acagagcagc

30

&lt;210&gt; 36

&lt;211&gt; 30

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic probe

&lt;400&gt; 36

tcccaatgaa tacacgggag ttcattggagc

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&lt;210&gt; 37

&lt;211&gt; 30



<212> DNA  
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<210> 38  
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tcattcttct tcacggagct gctgctctgc 30

<210> 39  
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<210> 42  
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<210> 44  
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<210> 47  
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<210> 48  
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<210> 49  
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<211> 30  
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<210> 52  
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<400> 52  
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<210> 54  
<211> 30  
<212> DNA  
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30

<210> 57

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic probe

<400> 57

tgaggagtt cgcaatcctc agcaacatct

30

<210> 58

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic probe

<400> 58

tgacagcca caagttacaa tgcaacagcc

30

<210> 59

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic probe

<400> 59

tcaggaaacct ttgactgctt ccatgttggc

30

<210> 60

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic probe

<400> 60

cctctgcaga ctactattac

20

<210> 61

<211> 612

&lt;212&gt; RNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic hybridization target

&lt;400&gt; 61

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ucuagaaaaua auuuuguuuu acuuuaagaa ggagauauac auaugaaccc cagugccccc      60
agcuacccca uggccucgcu cuacgugggg gaccuccacc cgcacgugac cgaggcgauG      120
cucuacgaga aguucagccc ggccggggccc auccucucca uccgggucug cagggacaug      180
aucacccgcc gcuccuuggg cuacgcguau gugaacuucc agcagccggc ggacgcggag      240
cgugcuuugg acaccaugaa uuugauguu auaaagggca agccaguacg caucaugugg      300
ucucagcgug auccaucacu ucgcaaaagu ggaguaggca acauauucau uaaaaaucug      360
gacaaaucca uugauaauaa agcacuguau gauacauuuu cugcuuuugg uaacauccuu      420
ucauguaagg ugguuuguga ugaaaauggu uccaagggcu auggaauugu acacuugag      480
acgcaggaag cagcugaaag agcuauugaa aaaaugaaug gaaugcuccu aaaugaucgc      540
aaaguauuug ugggacgauu uaagucucgu aaagaacgag aagcugaacu uggagcuagg      600
gcaaaagaau uc                                                                612

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&lt;210&gt; 62

&lt;211&gt; 449

&lt;212&gt; RNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic hybridization target

&lt;400&gt; 62

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aacugcuuuc ugggcagccu cuuuagcuug gugggcuugu aguacagcua cagcuucauc      60
aaccuuagaa cggagugacu cuggagacuc gagcauuga agaaguucug aaauaucaau      120
cuccaacaac augccaguga uuuuaccagc aagaguaggg ugcauggcuu gaauaagagg      180
aaacagccgu ucaccaaca uuugcuuuug cucuugagga ggggcagaug ccaacaugga      240
agcagucaaa gguuccugac cuuguacaug aacagcaggc uguugcauug uaacuugugg      300
cugugcauua agauguugcu gaggauugcg aacuccugca gcuaauuuau acuguggaac      360
ggugcggaca gcaggaguag cugcagcggc ugcagcugca ggacguggac ccuugucug      420
uguugaugug uuagcaacac gcuguguug                                           449

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<210> 63  
 <211> 156  
 <212> RNA  
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic hybridization target

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 uuauuuuugu gaacagccug auguuuggga ccuuuuuucc ucaaaaauaaa caaguccuua 120  
 uuaaaccagg aaauuggaga aaaaaaaaaag gaauuc 156

<210> 64  
 <211> 380  
 <212> RNA  
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic hybridization target

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 gagauuuuuu ugaucuucag cuacauuuuc ggcuuuguga gaaaccuuac caucaaacac 120  
 gauggccagc aacguuacca acaagacaga uccucgcucc augaacuccc guguaaucau 180  
 ugggaaucuc aacacucuug uggucaagaa aucugaugug gaggcaaucu uuucgaagua 240  
 uggcaaaaau gugggcugcu cuguucauaa gggcuuugcc uucguucagu auguaaauga 300  
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 agauauuaac cuggcugcag 380

<210> 65  
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 <212> RNA  
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic hybridization target

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 aaauccaaag gauuuggauu uguaagcuuu gaaaggcaug aagaugcaca gaaagcugug 180

gaugagauga acggaaagga gcucaaugga aaacaaauuu auguuggucg agcucagaaa	240
aagguggaac ggcagacgga acuaaagcgc aaauuugaac agauggaaaca agauaggau	300
accagauacc aggguguuua ucuuuauug aaaaaucuug augaugguau ugaugaugaa	360
cgucuccgga aagaguuuuc uccaauuggu acaaucacua g	401

&lt;210&gt; 66

&lt;211&gt; 470

&lt;212&gt; RNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic hybridization target

&lt;400&gt; 66

agugcaaagg uuaugaugga ggguggucgc agcaaagggg uugguuuugu auguuucucc	60
uccccagaag aagccacuaa agcaguuaa gaaaugaacg guagaauugu ggccacaaag	120
ccaauguaug uagcuuuagc ucagcgcaaa gaagagcgcc aggcucaccu cacuaaccag	180
uauaugcaga gaauggcaag uguacgagcu guucccaacc cuguaaucaa cccuaccag	240
ccagcaccuc cuucagguua cuucauggca gcuaucccac agacucagaa cggugcugca	300
uacuauccuc cuagccaaau ugcucaacua agaccaaguc cucgcuggac ugcucagggg	360
gccagaccuc auccauucca aaauaugccc ggugcuaucc gccagcugc uccuagacca	420
ccaauuagua cuaugagacc agcuucuca cagguuccac gagucauguc	470

&lt;210&gt; 67

&lt;211&gt; 503

&lt;212&gt; RNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic hybridization target

&lt;400&gt; 67

cugcagcggg auguacggc uccucuuuug acuuggacua ugacuuucaa cgggacuauu	60
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uagugcccuc gaaacgucag cguguaucag gaaacacuuc acgaaggggc aaaaguggcu	180
ucaauucuaa gaguggacag cggggauuu ccaagucugg aaaguugaaa ggagaugacc	240
uucaggccau uaagaaggag cugaccaga uaaaacaaaa aguggauucu cuccuggaaa	300
accuggaaaa aaugaaaaag gaacagagca aacaagcagu agagaugaag aaugauaagu	360



cagaagagga gcagagcagc agcuccguga agaaagauga gacuaaugug aagauggagu	420
cugagggggg ugcagaugac ucugcugagg aggggggaccu acuggaugau gaugauaang	480
aagaucgggg ggauaccag cug	503

&lt;210&gt; 68

&lt;211&gt; 620

&lt;212&gt; RNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic hybridization target

&lt;400&gt; 68

cagcuggagu ugaucagga ugaugaaaaa gaggcugagg aaggagagga ugacagagac	60
agcgccaaug gcgaggauga cucuaagca cauagugggg uuuaagaauc uuaucaccau	120
auuucuuuac cuaggcgcuu gucuaagauc aaauuuuua ccagaucuc uccccuagua	180
ucuucagcac augcucacug uucuccccau ccuuguccu cccauguua uuaauucaua	240
uugccccgag ccuagucca uuucacuc cuuugacgu ccuaguagu uuguuaaguc	300
uuaccugaa auuuuugcu uuaauuuuga uaccucuuua ugacuaaca auaaaaagga	360
uguaugguu uuaucacug ucuccaaaau aaucucuugu uaugcagga guacaguuc	420
uuucauucau acauaaguuc aguaguugc ucccuaacug caaaggcau cucauuuagu	480
ugaguagcuc uugaaagcag cuuugaguua gaaguaugug uguuacaccc ucacauuagu	540
gugcugugug gggcaguua acacaaaugu aacaauuuu uuugugaug agaguuggca	600
ugucaaaugc auccucuaga	620

&lt;210&gt; 69

&lt;211&gt; 12

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic oligonucleotide

&lt;400&gt; 69

gacgtatat ct	12
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&lt;210&gt; 70

&lt;211&gt; 9

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic oligonucleotide

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agcccttac